

Title (en)

The inhibition of corrosion in aqueous systems.

Title (de)

Korrosioninhibierung in wässrigen Systemen.

Title (fr)

Inhibition de la corrosion dans des systèmes aqueux.

Publication

EP 0396243 A1 19901107 (EN)

Application

EP 90303075 A 19900322

Priority

- GB 8910051 A 19890503
- GB 8428258 A 19841108

Abstract (en)

A method for controlling corrosion in an aqueous system which comprises incorporating in the system at least one phosphonate of the formula: <CHEM> in which R1 represents hydrogen or a C1-C4 alkyl group and R2 represents -COOH or -PO3H2 or a salt thereof, and at least one polyampholyte which possesses recurring units of the formula <CHEM> and either recurring units of the formula: <CHEM> or recurring units of the formula <CHEM> in which R1 represents hydrogen or a C1-C4 alkyl group, X represents hydrogen or -COOH, Y represents <CHEM> in which Z represents -O- or -NH-, n is 2 or 3 and R2, R3, R4 and R5 individually represent C1-C4 alkyl, especially methyl or ethyl, and A represents an anion especially Cl, Br, CH3SO4 or C2H5SO4, or a salt thereof.

IPC 1-7

C23F 11/10

IPC 8 full level

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Citation (search report)

- [X] EP 0181151 A1 19860514 - DEARBORN CHEMICALS CO [US]
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- [A] DE 1903165 A1 19690911 - GRACE W R & CO

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